

AIR CLEANING/COOLING FACILITY

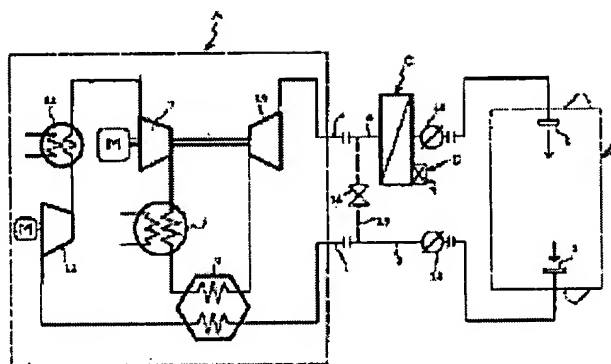
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Abstract of JP11132583

PROBLEM TO BE SOLVED: To supply a chamber of a refrigerator, or the like, required to be cooled with clean low temperature low humidity air by removing moisture and floating particles in the air simultaneously when the air in the chamber is taken, as refrigerant, into an air refrigerant type refrigerator blown again into the chamber as low temperature air.

SOLUTION: The air cooling facility for taking the air in a chamber required to be cooled into an air refrigerant type refrigerator A as refrigerant and blowing low temperature delivery air from the air refrigerant type refrigerator A into the chamber comprises a frosting unit C arranged in the air passage for supplying low temperature air from the air refrigerant type refrigerator A to the chamber required to be cooled, and means for discharging the mixture of floating particles and ice pieces in the air captured by the frosting unit C in the solid state or after fusing temporarily to the outside of the frosting unit C.



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